BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK: Improvements to Roads and Drains at Yelahanka Old Town SC/ST area and AD colony and surrounding areas in Ward No. 02 of Yelahanka Sub Division

MEASUREMENT SHEET

SECOND AND FINAL BILL

Chainage in m From	Chainage in m To	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate in RS.	Amount in RS.
Item no 01		Earthwork excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5 m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications. and as per the directions of the Engineer-in-charge of the work .								
			cum							
		Vide Total executed Quantity from premeasuremet Page no. 1-3						1048.43		
		Tender Quantity						1048.50		
		DPQ Quantity Paid in 1st RA Bill						622.29		
		Now To be Paid Quantity						426.14	215.28	91738.99
Item no 02		Providing and laying Plain cement concrete of mix1:3:6 with OPC cement @ 220kgs, with crushed 40mm and down size graded granite metal coarse aggregates @0.89cum and fine aggregates @ 0.46cum, in foundation mechanically mixed, placed in foundation and compacted by vibration including curing for 14 days Including cost of materials,labour, HOM curing form work, Scaffolding and Centering complete as per specifications. and as per the directions of the Engineer-in-charge of the work .								
			cum							
		Vide Total executed Quantity from premeasuremet Page no. 4-5						245.14		
		Tender Quantity						238.05		
		DPQ Quantity Paid in 1st RA Bill						156.89		
		Now To be Paid Quantity								
		Quantity Limited To						81.16	5421.90	440060.38
Item no 03		Providing laying plain/ reinforced cement concrete for side Drains Using M20 nominal mix Concrete with OPC at 300kgs.With 20mm and Down size granite metal coarse aggregate at 0.69cum and fine aggregate at 0.43cum Machne mixed, well compacted for wall and Bottom including centering shuttering,cost of materials,HOM of Machinery,Curing Etc.,Complete Excluding cost of Steel as per morth MORTH specification and as per the directions of the Engineer-in-charge of the work .								
Measurements Taken On :		10/02/2020								
		1st RA Bill Measurements								
		Drain								
		Bottom Slab								
		To the right side of Anganavadi								
0	15		Cum	1	15.00	0.90	0.15	2.03		
15	21.5		Cum	1	6.50	0.90	0.15	0.88		
		Front side of Anganavadi								
0	6		Cum	1	6.00	0.90	0.15	0.81		
6	26		Cum	1	20.00	0.90	0.15	2.70		

CIVIL Pro Sig Date BANGALORE

Contactor

PMC

Assistant Engineer 10/02/2020

Asst. Executive Engineer
Yelahanka Sub Division
Assistant Executive Engineer (BBMP Ynk. Zn)

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK: Improvements to Roads and Drains at Yelahanka Old Town SC/ST area and AD colony and surrounding areas in Ward No. 02 of Yelahanka Sub Division

MEASUREMENT SHEET

SECOND AND FINAL BILL

Chainage in m		Description of Item	Unit	No	Length	Breadth	Depth	Quantity	Rate in	Amount in
From	To				(m)	(m)	(m)		RS.	RS.
		4th cross Kote Road								
		RHS								
0	11		Cum	1	11.00	0.90	0.15	1.49		
11	26		Cum	1	15.00	0.90	0.15	2.03		
26	41		Cum	1	15.00	0.90	0.15	2.03		
41	53.5		Cum	1	12.50	0.90	0.15	1.69		
53.5	68.5		Cum	1	15.00	0.90	0.15	2.03		
68.5	83.5		Cum	1	15.00	0.90	0.15	2.03		
83.5	98.5		Cum	1	15.00	0.90	0.15	2.03		
98.5	113.5		Cum	1	15.00	0.90	0.15	2.03		
113.5	123		Cum	1	9.50	0.90	0.15	1.28		
		LHS								
0	15		Cum	1	15.00	0.90	0.15	2.03		
15	30		Cum	1	15.00	0.90	0.15	2.03		
30	45		Cum	1	15.00	0.90	0.15	2.03		
45	60		Cum	1	15.00	0.90	0.15	2.03		
60	75		Cum	1	15.00	0.90	0.15	2.03		
75	90		Cum	1	15.00	0.90	0.15	2.03		
90	105		Cum	1	15.00	0.90	0.15	2.03		
105	109		Cum	1	4.00	0.90	0.15	0.54		
		Gnanabharathi School Road								
		RHS								
0	15		Cum	1	15.00	1.10	0.15	2.48		
15	30		Cum	1	15.00	1.10	0.15	2.48		
30	45		Cum	1	15.00	1.10	0.15	2.48		
45	60		Cum	1	15.00	1.10	0.15	2.48		
60	75		Cum	1	15.00	1.10	0.15	2.48		
75	90		Cum	1	15.00	1.10	0.15	2.48		
90	106		Cum	1	16.00	1.10	0.15	2.64		
		Kondappa Layout								
		29th Cross Road								
0	13.6		Cum	1	13.6	0.85	0.15	1.73		
		Side Wall								
		To the right side of Anganavadi								
0	15		Cum	2	15.00	0.15	0.45	2.03		
15	21.5		Cum	2	6.50	0.15	0.45	0.88		
		Front side of Anganavadi								
0	6		Cum	2	6.00	0.15	0.45	0.81		
6	26		Cum	2	20.00	0.15	0.45	2.70		

CIVIL Pro Sig Date BANGALORE

Contactor PMC

10/02/2020
Assistant Engineer

Asst. Executive Engineer
Yelahanka Sub. Divison
Assistant Executive Engineer
(BBMP Yhk. Zn)

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK: Improvements to Roads and Drains at Yelahanka Old Town SC/ST area and AD colony and surrounding areas in Ward No. 02 of Yelahanka Sub Division

MEASUREMENT SHEET

SECOND AND FINAL BILL

Chainage in m		Description of Item	Unit	No	Length	Breadth	Depth	Quantity	Rate in	Amount in
From	To				(m)	(m)	(m)		RS.	RS.
		4th cross Kote Road								
		RHS								
0	11		Cum	2	11.00	0.15	0.60	1.98		
11	26		Cum	2	15.00	0.15	0.60	2.70		
26	41		Cum	2	15.00	0.15	0.60	2.70		
41	53.5		Cum	2	12.50	0.15	0.60	2.25		
53.5	68.5		Cum	2	15.00	0.15	0.60	2.70		
68.5	83.5		Cum	2	15.00	0.15	0.60	2.68		
83.5	98.5		Cum	2	15.00	0.15	0.60	2.70		
98.5	113.5		Cum	2	15.00	0.15	0.60	2.70		
113.5	123		Cum	2	9.50	0.15	0.60	1.71		
		LHS								
0	15		Cum	2	15.00	0.15	0.65	2.93		
15	30		Cum	2	15.00	0.15	0.65	2.93		
30	45	C/F-C	Cum	2	15.00	0.15	0.65	2.93		
45	60		Cum	2	15.00	0.15	0.65	2.93		
60	75		Cum	2	15.00	0.15	0.65	2.93		
75	90		Cum	2	15.00	0.15	0.65	2.93		
90	105	10/02/2020	Cum	2	15.00	0.15	0.65	2.93		
105	109		Cum	2	4.00	0.15	0.65	0.78		
		Gnanabharathi School Road								
		RHS								
0	15		Cum	2	15	0.15	0.65	2.93		
15	30		Cum	2	15	0.15	0.65	2.93		
30	45		Cum	2	15	0.15	0.65	2.93		
45	60		Cum	2	15	0.15	0.65	2.93		
60	75		Cum	2	15	0.15	0.60	2.70		
75	90		Cum	2	15	0.15	0.60	2.70		
90	106		Cum	2	16	0.15	0.60	2.88		
		Kondappa Layout								
		29th Cross Road								
0	13.6		Cum	2	13.6	0.15	0.6	2.45		
		Culvert								
		Bottom Slab								
		Kote Road								
		4th Cross Road	Cum	1	5.00	1.35	0.20	1.35		
		Side Walls								
		4th Cross Road	Cum	2	5.00	0.20	0.60	1.20		

CIVIL Pro BANGALORE

Contactor PMC

10/02/2020
Assistant Engineer AE-02

Asst. Executive Engineer
Yelahanka Sub. Division
Assistant Executive Engineer
(BBMP) Yelahanka, Bangalore

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK: Improvements to Roads and Drains at Yelahanka Old Town SC/ST area and AD colony and surrounding areas in Ward No. 02 of Yelahanka Sub Division

MEASUREMENT SHEET

SECOND AND FINAL BILL

Chainage in m		Description of Item	Unit	No	Length	Breadth	Depth	Quantity	Rate in	Amount in
From	To				(m)	(m)	(m)		RS.	RS.
		Side Wall								
		Kondappa Layout								
		29th Cross Road								
		LHS								
0	2.4		Cum	2	2.4	0.15	0.6	0.43		
4.3	19.3	2.4 to 4.3 no Drain	Cum	2	15	0.15	0.6	2.70		
19.3	34.3		Cum	2	15	0.15	0.6	2.70		
34.3	49.3		Cum	2	15	0.15	0.6	2.70		
49.3	64.3		Cum	2	15	0.15	0.6	2.70		
64.3	77.1		Cum	2	12.8	0.15	0.6	2.30		
79.6	94.6	77.1 to 79.6 no Drain	Cum	2	15	0.15	0.6	2.70		
		Venugopala Swami Temple Road								
0	15		Cum	2	15	0.15	0.65	2.93		
15	30		Cum	2	15	0.15	0.65	2.93		
30	45		Cum	2	15	0.15	0.6	2.70		
45	60		Cum	2	15	0.15	0.6	2.70		
60	75		Cum	2	15	0.15	0.6	2.70		
75	81		Cum	2	6	0.15	0.6	1.08		
		Venugopala Swami Temple Road								
0	15		Cum	2	15	0.15	0.6	2.70		
15	25		Cum	2	10	0.15	0.6	1.80		
		9th Cross Kondappa Layout								
0	15		Cum	2	15	0.15	0.6	2.70		
15	30		Cum	2	15	0.15	0.6	2.70		
30	45		Cum	2	15	0.15	0.6	2.70		
45	60		Cum	2	15	0.15	0.6	2.70		
60	75		Cum	2	15	0.15	0.6	2.70		
75	90		Cum	2	15	0.15	0.55	2.48		
90	105		Cum	2	15	0.15	0.55	2.48		
105	110		Cum	2	5	0.15	0.5	0.75		
							Total Executed Quantity	222.60		
							Tender Quantity	222.15		
							DPQ Quantity Paid in 1st RA Bill	131.72		
							Now To be Paid Quantity			
							Quantity Limited To	90.43	7070.20	639361.72

CIVIL Pro Sig Date BANGALORE

Contactor PMC Assistant Engineer 10/02/2020 AE-02 Asst. Executive Engineer Yelahanka Sub Division (BBMP Yk. Zn) Yelahanka, Bangalore Assistant Executive Engineer

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK: Improvements to Roads and Drains at Yelahanka Old Town SC/ST area and AD colony and surrounding areas in Ward No. 02 of Yelahanka Sub Division

MEASUREMENT SHEET

SECOND AND FINAL BILL

Chainage in m		Description of Item	Unit	No	Length	Breadth	Depth	Quantity	Rate in	Amount in
From	To				(m)	(m)	(m)		RS.	RS.
		4th cross Kote Road								
		RHS								
0	11		Sqm	1	11.00	0.75		8.25		
11	26		Sqm	1	15.00	0.75		11.25		
26	41		Sqm	1	15.00	0.75		11.25		
41	53.5		Sqm	1	12.50	0.75		9.38		
53.5	68.5		Sqm	1	15.00	0.75		11.25		
68.5	83.5		Sqm	1	15.00	0.75		11.25		
83.5	98.5		Sqm	1	15.00	0.75		11.25		
98.5	113.5		Sqm	1	15.00	0.75		11.25		
113.5	123		Sqm	1	9.50	0.75		7.13		
		LHS								
0	15		Sqm	1	15.00	0.75		11.25		
15	30		Sqm	1	15.00	0.75		11.25		
30	45		Sqm	1	15.00	0.75		11.25		
45	60		Sqm	1	15.00	0.75		11.25		
60	75		Sqm	1	15.00	0.75		11.25		
75	90		Sqm	1	15.00	0.75		11.25		
90	105		Sqm	1	15.00	0.75		11.25		
105	109		Sqm	1	4.00	0.75		3.00		
		Gnanabharathi School Road								
		RHS								
0	15		Sqm	1	15.00	0.90		13.50		
15	30		Sqm	1	15.00	0.90		13.50		
30	45		Sqm	1	15.00	0.90		13.50		
45	60		Sqm	1	15.00	0.90		13.50		
60	75		Sqm	1	15.00	0.90		13.50		
75	90		Sqm	1	15.00	0.90		13.50		
90	106		Sqm	1	16.00	0.90		14.40		
		Kondappa Layout								
		29th Cross Road								
0	13.6		Sqm	1	13.60	0.75		10.20		
		Present Bill Measurements								
		Drain								
		Kondappa Layout								
		29th Cross Road								
		LHS								
0	2.4		Sqm	1	2.4	0.75		1.80		
4.3	19.3	2.4 to 4.3 no Drain	Sqm	1	15	0.75		11.25		
19.3	34.3		Sqm	1	15	0.75		11.25		
34.3	49.3		Sqm	1	15	0.75		11.25		
49.3	64.3		Sqm	1	15	0.75		11.25		
64.3	77.1		Sqm	1	12.8	0.75		9.60		
79.6	94.6	77.1 to 79.6 no Drain	Sqm	1	15	0.75		11.25		

CIVIL Pro Sig. Date BANGALORE

17/11/2020

Contactor PMC Assistant Engineer JE-02 Asst. Executive Engineer Yelahanka Sub. Divison (BBMP) Assistant Executive Engineer Yelahanka, Bangalore

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK: Improvements to Roads and Drains at Yelahanka Old Town SC/ST area and AD colony and surrounding areas in Ward No. 02 of Yelahanka Sub Division

MEASUREMENT SHEET

SECOND AND FINAL BILL

Chainage in m		Description of Item	Unit	No	Length	Breadth	Depth	Quantity	Rate in	Amount in
From	To				(m)	(m)	(m)		RS.	RS.
		Present Bill Measurements								
		Misssing Cover slab								
			Sqm	18	1.20	0.60		12.96		
							Total Executed Quantity	**18.96**		
							Tender Quantity	**18.00**		
							DPQ Quantity Paid in 1st RA Bill	**6**		
							Now To be Paid Quantity			
							Quantity Limited to	**12.00**	**5418.00**	**65016.00**

Item no 07 Cement concrete pavement.Construction of un-reinforced plain cement concrete for pavement, using a grade concrete M30 over a prepared base with OPC coarse aggregate @ 0.69cum fine aggregate @ 0.46cum,coarse and fine aggregate confirming to IS:383-2016,with superplastisiser @3lts confirming to IS9103-2008.mixed in a concrete mixer of not less than 0.6 cum capacity and appropriate weigh batcher as per approved mix design, laid in approved fixed side form work (steel channel, laying and fixing of 125 micron thick polythene film, wedges, steel plates including levelling the form work as per drawing). & Spreading the concrete with shovels, rackers compacted using needle, screed and plate vibrator and finished with floaters in a continuous operation including provision of contraction, expansion, construction and longitudinal joints including groove cutting charges, joint filler, separation membrane of impermiable plastic sheet of 125 micron, sealant primer, joint sealant, admixtures as approved, curing compound, finishing to lines and grades, textured with texturing machine,and curing including cost of all materials,labour,hire charges of machineries,all lead and lift charges etc., complete as per specifications. and as per the directions of the Engineer-in-charge of the work .

Measurements Taken On : 27/11/2020

		1st RA Bill Measurements								
		Anganavadi Surrounding Area								
		Cross road Behind Anganavadi								
0	15		Cum	1	15.00	2.40	0.15	5.40		
15	30		Cum	1	15.00	2.50	0.15	5.63		
30	45		Cum	1	15.00	2.55	0.15	5.74		
45	46.9		Cum	1	1.90	2.60	0.15	0.74		
		Right side of anganavadi								
0	15		Cum	1	15.00	1.30	0.15	2.93		
15	21.5		Cum	1	6.50	1.35	0.15	1.32		
		Anganavadi front								
0	15		Cum	1	15.00	2.20	0.15	4.95		
15	30		Cum	1	15.00	2.20	0.15	4.95		
		Cross road near anganavadi								
0	15		Cum	1	15.00	2.10	0.15	4.73		
15	22.3		Cum	1	7.30	2.15	0.15	2.35		

CIVIL Pro Sig Date BANGALORE

Contactor PMC Assistant Engineer 27/11/2020 Asst. Executive Engineer Yelahanka Sub. Divison (BBMP) Assistant Executive Engineer Yelahanka, Bangalore

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK: Improvements to Roads and Drains at Yelahanka Old Town SC/ST area and AD colony and surrounding areas in Ward No. 02 of Yelahanka Sub Division

MEASUREMENT SHEET

SECOND AND FINAL BILL

Chainage in m		Description of Item	Unit	No	Length	Breadth	Depth	Quantity	Rate in	Amount in
From	To				(m)	(m)	(m)		RS.	RS.
		2nd cross Gopalaswami temple								
0	2		Cum	1	2.00	1.50	0.15	0.45		
2	6		Cum	1	4.00	2.25	0.15	1.35		
6	21		Cum	1	15.00	2.70	0.15	6.08		
21	36		Cum	1	15.00	2.98	0.15	6.69		
		Samudhaya Bhavana surrounding								
		Behind Samudhayabhavana								
0	15		Cum	1	15.00	3.75	0.15	8.44		
15	16.5		Cum	1	1.50	3.80	0.15	0.86		
		cross road behind samudhaya bhavana								
0	15		Cum	1	15.00	2.30	0.15	5.18		
15	30		Cum	1	15.00	2.75	0.15	6.19		
30	33.5		Cum	1	3.50	3.10	0.15	1.63		
		Left side of samudhaya bhavana								
0	15		Cum	1	15.00	2.55	0.15	5.74		
15	16.5		Cum	1	1.50	2.60	0.15	0.59		
		Front of Samudhaya bhavana								
0	3.1		Cum	1	3.10	7.60	0.15	3.53		
3.1	8.6		Cum	1	5.50	4.05	0.15	3.34		
		Present Bill Measurements								
		Venkataramana Provision Store to Dead End								
0	15		Cum	1	15.00	4.15	0.15	9.34		
15	30		Cum	1	15.00	4.35	0.15	9.79		
30	40		Cum	1	10.00	4.70	0.15	7.05		
40	55		Cum	1	15.00	4.25	0.15	9.56		
55	58.2		Cum	1	3.20	3.45	0.15	1.66		
		Cross Road								
0	22.6		Cum	1	22.60	1.95	0.15	6.61		
22.6	27.4		Cum	1	4.80	4.05	0.15	2.92		
							Total Executed Quantity	135.69		
							Tender Quantity	130.28		
							DPQ Quantity Paid in 1st RA Bill	88.77		
							Now To be Paid Quantity			
							Quantity Limited to	41.51	5210.96	216291.32

CIVIL Prod. Sign Date BANGALORE

Contactor

PMC

27/11/2020

Assistant Engineer AE-02

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Wk. 2n)

Assistant Executive Engineer

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK: Improvements to Roads and Drains at Yelahanka Old Town SC/ST area and AD colony and surrounding areas in Ward No. 02 of Yelahanka Sub Division

MEASUREMENT SHEET

SECOND AND FINAL BILL

Chainage in m From	Chainage in m To	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate in RS.	Amount in RS.
Item no 09		Earthwork excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in ordinary soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m. after breaking of clods complete as per specifications								
			Cum							
		Vide Total executed Quantity from premeasuremet Page no. 07						60.90		
		Tender Quantity						35.32		
		Quantity Upto 125%						44.15		
		Quantity Above 125%						16.75		
		Now To be Paid Quantity								
		Quantity Upto 125%						44.15	204.12	9011.9
		Quantity Above 125%						16.75	204.12	3418.6
Item no 10		Excavation 1.5m and above in width in soft rock without blasting for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches not exceeding 1.5 m. in depth, stacking the excavated stuff from edges of excavation with lead upto 50m including cost of explosives, labour and HOM of equipment complete as per specifications								
			Cum							
		Vide Total executed Quantity from premeasuremet Page no. 08						14.50		
		Tender Quantity						15.14		
		Quantity Upto 125%						14.50		
		Now To be Paid Quantity						14.50	953.64	13831.6
Item no 11		Refilling available earth around pipe lines, cables in layers not exceeding 20cms in depth, compacting each deposited layer by ramming after watering with lead upto 50m. and lift upto 1.5 m. including cost of all labour complete as per specifications.								
			Cum							
		Vide Total executed Quantity from premeasuremet Page no. 09						14.16		
		Tender Quantity						50.45		
		Now To be Paid Quantity						14.16	82.08	1162.2
Item no 12		Providing and laying in position plain cement concrete of mix 1:3:6 with OPC cement @ 220kgs, with 40mm and down size graded granite metal coarse aggregates @0.892Cum and fine aggregates @ 0.465Cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation including cost of all materials, labour, HOM of machinery, curing complete as per specifications								
			Cum							
		Vide Total executed Quantity from premeasuremet Page no. 10						12.61		
		Tender Quantity						13.80		
		Now To be Paid Quantity						12.61	5449.68	68718.5

CIVIL Pro Sig Date BANGALORE

Contactor

PMC

26/02/2020 AE-02

Assistant Engineer

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Assistant Executive Engineer

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK: Improvements to Roads and Drains at Yelahanka Old Town SC/ST area and AD colony and surrounding areas in Ward No. 02 of Yelahanka Sub Division

MEASUREMENT SHEET

SECOND AND FINAL BILL

Chainage in m		Description of Item	Unit	No	Length	Breadth	Depth	Quantity	Rate in	Amount in
From	To				(m)	(m)	(m)		RS.	RS.
		Deduction								
		W	Cum	-2	1.82	0.23	1.20	-1.00		
		W1	Cum	-2	0.50	0.23	1.23	-0.28		
		W2	Cum	-2	0.90	0.23	0.60	-0.25		
		Door	Cum	-1	1.20	0.23	2.10	-0.58		
							Total Executed Quantity	21.68		
							Tender Quantity	19.33		
							Quantity Upto 125%	21.68		
							Now To be Paid Quantity			
							Quantity Upto 125%	21.68	5523.12	119761.1
Item no 23		Providing 18mm thick cement plaster in single coat with cement mortar 1:3, to brick masonry including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications.								
Measurements Taken On :		15/01/2021								
		Present Bill Measurements								
		Samudayabhavana								
		Outside Plastering								
		Northenside and Southernside Long Wall	Sqm	2	9.82		3.63	71.29		
		Westernside Wall	Sqm	1	4.84		3.63	17.57		
		Easternside Short Wall	Sqm	1	0.79		3.63	2.87		
		Easternside Short Wall	Sqm	1	0.81		3.63	2.94		
		Easternsidewall form wall	Sqm	1	3.69		3.63	13.39		
		Northenside and Southernside front Side Short Wall	Sqm	2	2.24		3.63	16.26		
		Parapet Wall	Sqm	4	9.36		0.45	16.85		
			Sqm	2	4.38		0.45	3.94		
			Sqm	2	0.56		0.45	0.50		
			Sqm	2	0.58		0.45	0.52		

CIVIL PTO BANGALORE

Contactor

15/01/2021
AE-02
Assistant Engineer

Asst. Executive Engineer
Yelahanka Sub. Division
(BBMP Ltr. No. 2)
Yelahanka, Bangalore

Assistant Executive Engineer

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK: Improvements to Roads and Drains at Yelahanka Old Town SC/ST area and AD colony and surrounding areas in Ward No. 02 of Yelahanka Sub Division

MEASUREMENT SHEET

SECOND AND FINAL BILL

Chainage in m		Description of Item	Unit	No	Length	Breadth	Depth	Quantity	Rate in	Amount in
From	To				(m)	(m)	(m)		RS.	RS.
		Easternsidewall fornt wall	Sqm	1	3.23		3.48	11.24		
		Deduction								
		W	Sqm	-2	1.82		1.2	-4.37		
		W1	Sqm	-2	0.5		1.23	-1.23		
		W2	Sqm	-2	0.9		0.6	-1.08		
		Door	Sqm	-1	1.2		2.1	-2.52		
							Total Executed Quantity	98.79		
							Tender Quantity	90.92		
							Quantity Upto 125%	98.79		
							Now To be Paid Quantity			
							Quantity Upto 125%	98.79	221.40	21871.31
Item no 26		Providing and applying painting in two coats with plastic emulsion paint of approved brand on wall surface to give an even approved shade after thoroughly brushing the surface, free from mortar drops and other foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour, complete as per specifications.								
Measurements Taken On :		25/01/2021								
		Present Bill Measurements								
		Samudayabhavana								
		Inside Painting								
		Northenside and Southernside Long Wall	Sqm	2	9.36		1.38	25.83		
		Westernside Wall	Sqm	1	4.38		1.38	6.04		
		Northenside and Southernside front Side Short Wall	Sqm	2	1.78		1.38	4.91		
		Easternside Short Wall	Sqm	1	0.56		1.38	0.77		
		Easternside Short Wall	Sqm	1	0.58		1.38	0.80		
		Easternsidewall fornt wall	Sqm	1	3.23		1.38	4.46		
		Ceiling								
			Sqm	1	4.38	9.36		41.00		
			Sqm	1	3.23	1.78		5.75		
		Beam	Sqm	2	4.38		0.45	3.94		
				2	0.7		0.45	0.63		
		Outside Plastering								
		Northenside and Southernside Long Wall	Sqm	2	9.82		3.63	71.29		
		Westernside Wall	Sqm	1	4.84		3.63	17.57		

Contactor

PMC

Assistant Engineer 25/01/2021

Asst. Executive Engineer
Yelahanka Sub Division
(BBMP Wrk. Zn)
Yelahanka, Bangalore

Assistant Executive Engineer

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK: Improvements to Roads and Drains at Yelahanka Old Town SC/ST area and AD colony and surrounding areas in Ward No. 02 of Yelahanka Sub Division

MEASUREMENT SHEET

SECOND AND FINAL BILL

Chainage in m From	Chainage in m To	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate in RS.	Amount In RS.
Item no 28		Providing Teak wood frames of doors, windows, clerestory windows, ventilators and other frames, wrought, framed or assembled including making plaster groves (excluding cost of cement concrete and side clamps), but including cost of materials, labour, HOM of machineries complete as per specifications.								
Measurements Taken On :		25/01/2021								
		Present Bill Measurements								
		Samudayabhavana								
		D	Cum	1	6.60	0.15	0.10	0.10		
								Total Executed Quantity	**0.10**	
								Tender Quantity	**0.07**	
								Quantity Upto 125%	**0.09**	
								Quantity Above 125%	**0.01**	
								Now To be Paid Quantity		
								Quantity Upto 125%	**0.09**	**200787.12** **17568.87**
								Quantity Above 125%	**0.01**	**200787.12** **1646.45**
Item no 29		Providing and fixing in position fully panelled Teak wood shutters for doors, styles and rails of 40mm. thick with bottom and lock rails 180mm wide top rail and styles 100mm wide as per drawing and panels of 25mm thick including cost of materials, labour, HOM of machineries complete as per specifications.								
Measurements Taken On :										
		Present Bill Measurements								
		Samudayabhavana								
		D	Sqm	1	1.20		2.10	2.52		
								Total Executed Quantity	**2.52**	
								Tender Quantity	**2.52**	
								Now To be Paid Quantity	**2.52**	**8964.00** **22589.28**
Item no 30		Providing and fixing aluminium fixtures like aldrops of size 300 X 16mm towe bolts of size 200 X 12 mm, Latches of size 250 X 12 mm, 100mm length oxidized iron hinges, handles of size 150mm, door stopper and door brush of approved make and quality including cost and conveyance of all materials and as per the direction of EIC of work with all lead and lift and as directed by the engineer incharge of work, Single								
Measurements Taken On :										
		Present Bill Measurements								
		Samudayabhavana								
			Sqm	3				3.00		
								Total Executed Quantity	**3.00**	
								Tender Quantity	**3.00**	
								Now To be Paid Quantity	**3.00**	**4691.52** **14074.56**

EIC 25/01/2021

CIVIL PRO Sig Date BANGALORE

Contactor

PMC

25/01/2021 AE-02

Assistant Engineer

Asst. Executive Engineer Yelahanka Sub. Divison (BBMP Ynk. Zo)

Assistant Executive Engineer Yelahanka, Bangalore

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK: Improvements to Roads and Drains at Yelahanka Old Town SC/ST area and AD colony and surrounding areas in Ward No. 02 of Yelahanka Sub Division

MEASUREMENT SHEET

SECOND AND FINAL BILL

Chainage in m From	Chainage in m To	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate in RS.	Amount in RS.
Item No 34		Providing and fixing of wall cladding using 20 mm thick gang saw water cut granite in CM 1:3 proportion cut to required shape patron with paper joint finished with cement mortar using white cement and colour pigments to match the colour of slab making through jointing with sealant, making holes 25mm × 12mm grooves in joints including curing etc., complete - with grey granite 20mm thick gang saw with minimum								
Measurements Taken On :		25/01/2021								
		Present Bill Measurements								
		Samudayabhavana								
		Inside								
		Northenside and Southernside Long Wall	Sqm	2	9.36		2.1	39.3		
		Westernside Wall	Sqm	1	4.38		2.1	9.2		
		Easternside Short Wall	Sqm	1	0.56		2.1	1.2		
		Easternside Short Wall	Sqm	1	0.58		2.1	1.2		
		Easternsidewall fornt wall	Sqm	1	3.23		2.1	6.8		
		Northenside and Southernside front Side Short Wall	Sqm	2	1.78		2.1	7.5		
		Outside								
			Sqm	1	3.69		3.48	12.84		
		Deduction								
		W	Sqm	-2	1.82		1.2	-4.37		
		W1	Sqm	-2	0.5		1.23	-1.23		
		W2	Sqm	-2	0.9		0.6	-1.08		
		Door	Sqm	-1	1.2		2.1	-2.52		
							Total Executed Quantity	68.81		
							Tender Quantity	66.14		
							Quantity Upto 125%	68.81		
							Now To be Paid Quantity			
							Quantity Upto 125%	68.81	2478.60	170543.05

CIVIL Pro Sig Date BANGALORE

Contactor

PMC

25/01/2021

Assistant Engineer

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Assistant Executive Engineer

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK: Improvements to Roads and Drains at Yelahanka Old Town SC/ST area and AD colony and surrounding areas in Ward No. 02 of Yelahanka Sub Division

MEASUREMENT SHEET

SECOND AND FINAL BILL

Chainage in m From	Chainage in m To	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate in RS.	Amount in RS.
Item No 37		Supplying..... mm dia 2mm/2.5mm thick heavy gauge PVC conduit pipe with suitable size bends, metal/PVC junction boxes adhesive paste etc., and running before concreting the slab. The conduit should be tied to the reinforcement rods by using binding wires and unused ways of junction boxes and pipe ends should be covered using PVC end enclosures. run with 18SWG GI fish wire wherever necessary.								
		b)25mm dia 2mm thick								
			m							
		Vide Total executed Quantity from premeasuremet Page no. 23						25.00		
		Tender Quantity						25.00		
		Now To be Paid Quantity						25.00	57.00	1425
Item No 38		Groove cutting in the wall supplying.....dia 2mm/2.5mm thick heavy gauge PVC Conduit Pipe with bends, metal junction boxes adhesive paste etc., and bracing U or J hooks and cement plastering up to the surface of the brick level and run with 18 SWG GI fish wire run through out conduit wherever necessary.								
		b)25mm dia 2mm thick								
			m							
		Vide Total executed Quantity from premeasuremet Page no. 24						25.00		
		Tender Quantity						30.00		
		Now To be Paid Quantity						25.00	58.00	1450
Item No 39		Supplying and fixing sheet metal box made out of 18 SWG sheet metal with necessary holes for cable/conduit entry as required with one coat of approved make etc.								
		c) 135x75x65mm								
			each							
		Vide Total executed Quantity from premeasuremet Page no. 25						5.00		
		Tender Quantity						5.00		
		Now To be Paid Quantity						5.00	102.00	510
		d)180x90x65mm								
			each							
		Vide Total executed Quantity from premeasuremet Page no. 26						5.00		
		Tender Quantity						5.00		
		Now To be Paid Quantity						5.00	110.00	550
		e)200x90x65mm								
			each							
		Vide Total executed Quantity from premeasuremet Page no. 27						5.00		
		Tender Quantity						5.00		
		Now To be Paid Quantity						5.00	120.00	600
Item No 40		Supplying and fixing PVC/metal conduit accessories.(3/5)								
Measurements Taken On :										
		Present Bill Measurements								
		1.Special type junction box								
		d)40mm junction box								
			each	5.00				5.00		
		Tender Quantity						5.00		
		Now To be Paid Quantity						5.00	53.00	265

CIVIL Pro Sig Date BANGALORE

Contactor

25/01/2021

Assistant Engineer AE-02

Asst. Executive Engineer
Yelahanka Sub. Division
BBMP

Assistant Executive Engineer
Yelahanka, Bangalore

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK: Improvements to Roads and Drains at Yelahanka Old Town SC/ST area and AD colony and surrounding areas in Ward No. 02 of Yelahanka Sub Division

MEASUREMENT SHEET

SECOND AND FINAL BILL

Chainage in m From	Chainage in m To	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate in RS.	Amount in RS.
Item No 43		Supplying and wiring adopting loop system in existing PVC Conduit / casing capping using copper PVC insulated multi strand 2x1.5Sqmm copper wire without switch, the other end of the wires shall be terminated with sufficient loose length in a wood/PVC round block. complete for each outlet.								
		a) Short point up to 3Mtr from tapping point to out let via switch box								
			each							
		Vide Total executed Quantity from premeasuremet Page no. 30						5.00		
		Tender Quantity						5.00		
		Now To be Paid Quantity						5.00	144.00	720
		b) Medium point above 3Mtr up to 6Mtr from tapping point to out let via switch box								
			each							
		Vide Total executed Quantity from premeasuremet Page no. 31						5.00		
		Tender Quantity						5.00		
		Now To be Paid Quantity						5.00	215.00	1075
Item No 44		Supplying and fixing superior quality modular switch mounting polycarbonate plate with necessary supporting back plate with required nos. of machine screws, bolts nuts etc., complete on the existing metal/PVC box								
		I.Group-A								
		e) 6Moudule								
Measurements Taken On :										
		Present Bill Measurements								
			each	10				10.00		
		Tender Quantity						10.00		
		Now To be Paid Quantity						10.00	173.00	1730
Item No 45		Supplying and fixing of modular switch/ Socket/stepped electronic fan regulator/dimmer/telephone socket etc on existing modular switch plate.								
		I.Using Group "A" materials								
		a) 6Amps one way.								
Measurements Taken On :										
		Present Bill Measurements								
			each	10				10.00		
		Tender Quantity						10.00		
		Now To be Paid Quantity						10.00	63.00	630
		i) 32Amps DP switch								
Measurements Taken On :										
		Present Bill Measurements								
			each							
				10				10.00		
		Tender Quantity						10.00		
		Now To be Paid Quantity						10.00	164.00	1640

CIVIL DVP Sec Date BANGALORE

Contactor

PMC

25/01/2021

Assistant Engineer

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Executive Engineer)
Yelahanka, Bangalore

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK: Improvements to Roads and Drains at Yelahanka Old Town SC/ST area and AD colony and surrounding areas in Ward No. 02 of Yelahanka Sub Division

MEASUREMENT SHEET

SECOND AND FINAL BILL

Chainage in m		Description of Item	Unit	No	Length	Breadth	Depth	Quantity	Rate in	Amount in
From	To				(m)	(m)	(m)		RS.	RS.
Item No 50		Extra for supplying 4mm thick white plastic plate and covering for junction boxes of size 110mm conduit using necessary machine screws.								
		b) 110mm	Nos							
		Vide Total executed Quantity from premeasuremet Page no.						15.00		
							Tender Quantity	15.00		
							Now To be Paid Quantity	15.00	8.75	131.25
Item No 51		Supplying a 50mm wooden plug, tapered from 50x50mm to 25x25mm and fixing by using binding wire before concreting a roof slap.								
Measurements Taken On :										
		Present Bill Measurements								
			Nos	15				15.00		
							Tender Quantity	15.00		
							Now To be Paid Quantity	15.00	4.00	60
									ROAD SUB TOTAL	2418427.12
									BUILDING SUB TOTAL	1485332.67
									SUB TOTAL	3903759.79
									Add KRIDL @ 4%	156150.39
									Add 12% GST for ROAD	290211.25
									TOTAL AMOUNT	4350121.44

CIVIL Pro
Sig.
Date
BANGALORE

Contactor

PMC

25/01/2021
AE-02
Assistant Engineer

Asst. Executive Engineer
Yelahanka Sub Division
(BBMP Ynk. Zn)
Assistant Executive Engineer

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK: Improvements to Roads and Drains at Yelahanka Old Town SC/ST area and AD colony and surrounding areas in Ward No. 02 of Yelahanka Sub Division

PRE MEASUREMENT SHEET

SECOND AND FINAL BILL

Chainage in m		Description of Item	Unit	No	Length	Breadth	Depth	Quantity	Remarks
From	To				(m)	(m)	(m)		
Item no 01		Earthwork excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5 m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications. and as per the directions of the Engineer-in-charge of the work .							
Measurements Taken On :		25-01-20 . 28-01-20							
		Quantity Measured in 1st RA Bill						**622.29**	
		Present Bill Measurements							
		Kondappa Layout							
		29th Cross Road							
		LHS							
0	2.4		Cum	1	2.40	0.90	1.10	2.38	
4.3	19.3	2.4 to 4.3 no Drain	Cum	1	15.00	0.90	1.10	14.85	
19.3	34.3		Cum	1	15.00	0.90	1.10	14.85	
34.3	49.3	Verified	Cum	1	15.00	0.90	1.10	14.85	
49.3	64.3		Cum	1	15.00	0.90	1.10	14.85	
64.3	77.1		Cum	1	12.80	0.90	1.10	12.67	
79.6	94.6	77.1 to 79.6 no Drain	Cum	1	15.00	0.90	1.10	14.85	
		Venugopala Swami Temple Road							
0	15		Cum	1	15.00	0.90	1.00	13.50	
15	30		Cum	1	15.00	0.90	1.00	13.50	
30	45		Cum	1	15.00	0.90	1.00	13.50	
45	60		Cum	1	15.00	0.90	1.00	13.50	
60	75		Cum	1	15.00	0.90	1.00	13.50	
75	81		Cum	1	6.00	0.90	1.00	5.40	
		Venugopala Swami Temple Road							
0	15		Cum	1	15.00	0.90	0.95	12.83	
15	25		Cum	1	10.00	0.90	0.95	8.55	

CIVIL Pro Sig Date BANGALORE

Contactor PMC Assistant Engineer 28/01/2020 Asst. Executive Engineer Yelahanka Sub. Divison Assistant Executive Engineer (BBMP Ynk. Zn) Yelahanka, Bangalore

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK: Improvements to Roads and Drains at Yelahanka Old Town SC/ST area and AD colony and surrounding areas in Ward No. 02 of Yelahanka Sub Division

PRE MEASUREMENT SHEET

SECOND AND FINAL BILL

Chainage in m		Description of Item	Unit	No	Length	Breadth	Depth	Quantity	Remarks
From	To				(m)	(m)	(m)		
30	40		Cum	1	10.00	4.70	0.30	14.10	
40	55		Cum	1	15.00	4.25	0.30	19.13	
55	58.2		Cum	1	3.20	3.45	0.30	3.31	
		Cross Road							
0	22.6		Cum	1	22.60	1.95	0.30	13.22	
22.6	27.4		Cum	1	4.80	4.05	0.30	5.83	
		Over Burden							
		Cross Road	Cum	1	55.00	0.90	0.15	7.43	
							Total Executed Quantity	1048.43	
							Qty Carried to Summary	1048.43	

Contactor PMC Assistant Engineer Asst. Executive Engineer
Yelahanka Sub. Divison
Yelahanka, Bangalore

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK: Improvements to Roads and Drains at Yelahanka Old Town SC/ST area and AD colony and surrounding areas in Ward No. 02 of Yelahanka Sub Division

PRE MEASUREMENT SHEET

SECOND AND FINAL BILL

Chainage in m		Description of Item	Unit	No	Length	Breadth	Depth	Quantity	Remarks
From	To				(m)	(m)	(m)		
Item no 02		Providing and laying Plain cement concrete of mix1:3:6 with OPC cement @ 220kgs, with crushed 40mm and down size graded granite metal coarse aggregates @0.89cum and fine aggregates @ 0.46cum, in foundation mechanically mixed, placed in foundation and compacted by vibration including curing for 14 days Including cost of materials,labour, HOM curing form work, Scaffolding and Centering complete as per specifications. and as per the directions of the Engineer-in-charge of the work .							
Measurements Taken On :		31-01-20 , 4-02-20							
		Quantity Measured in 1st RA Bill						**156.89**	
		Present Bill Measurements							
		Drain							
		Kondappa Layout							
		29th Cross Road							
		LHS							
0	2.4		Cum	1	2.40	0.90	0.15	0.32	
4.3	19.3	2.4 to 4.3 no Drain	Cum	1	15.00	0.90	0.15	2.03	
19.3	34.3		Cum	1	15.00	0.90	0.15	2.03	
34.3	49.3		Cum	1	15.00	0.90	0.15	2.03	
49.3	64.3		Cum	1	15.00	0.90	0.15	2.03	
64.3	77.1		Cum	1	12.80	0.90	0.15	1.73	
79.6	94.6	**77.1 to 79.6 no Drain**	Cum	1	15.00	0.90	0.15	2.03	
		Venugopala Swami Temple Road							
0	15		Cum	1	15.00	0.90	0.15	2.03	
15	30		Cum	1	15.00	0.90	0.15	2.03	
30	45		Cum	1	15.00	0.90	0.15	2.03	
45	60		Cum	1	15.00	0.90	0.15	2.03	
60	75		Cum	1	15.00	0.90	0.15	2.03	
75	81		Cum	1	6.00	0.90	0.15	0.81	
		Venugopala Swami Temple Road							
0	15		Cum	1	15.00	0.90	0.15	2.03	
15	25		Cum	1	10.00	0.90	0.15	1.35	

Contactor PMC Assistant Engineer AE-02 4/2/2020 Asst. Executive Engineer Yelahanka Sub. Divison (BBMP Ward No. 2) Assistant Executive Engineer Yelahanka, Bangalore

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK: Improvements to Roads and Drains at Yelahanka Old Town SC/ST area and AD colony and surrounding areas in Ward No. 02 of Yelahanka Sub Division

PRE MEASUREMENT SHEET

SECOND AND FINAL BILL

Chainage in m		Description of Item	Unit	No	Length	Breadth	Depth	Quantity	Remarks
From	To				(m)	(m)	(m)		
		9th Cross Kondappa Layout							
0	15		Cum	1	15.00	0.90	0.15	2.03	
15	30		Cum	1	15.00	0.90	0.15	2.03	
30	45		Cum	1	15.00	0.90	0.15	2.03	
45	60		Cum	1	15.00	0.90	0.15	2.03	
60	75		Cum	1	15.00	0.90	0.15	2.03	
75	90		Cum	1	15.00	0.90	0.15	2.03	
90	105		Cum	1	15.00	0.90	0.15	2.03	
105	110		Cum	1	5.00	0.90	0.15	0.68	
		For CC Road							
		Venkataramana Provision Store to Dead End							
0	15		Cum	1	15.00	4.15	0.15	9.34	
15	30		Cum	1	15.00	4.35	0.15	9.79	
30	40		Cum	1	10.00	4.70	0.15	7.05	
40	55		Cum	1	15.00	4.25	0.15	9.56	
55	58.2		Cum	1	3.20	3.45	0.15	1.66	
		Cross Road							
0	22.6		Cum	1	22.60	1.95	0.15	6.61	
22.6	27.4		Cum	1	4.80	4.05	0.15	2.92	
							Total Executed Quantity	**245.14**	
							Qty Carried to Summary	**130.53**	

04/02/20

CIVIL Pro Sig Date BANGALORE

Contactor PMC 4/2/2020 Assistant Engineer

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP) Vol. 2nd
Assistant Executive Engineer
Yelahanka, Bangalore

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK: Improvements to Roads and Drains at Yelahanka Old Town SC/ST area and AD colony and surrounding areas in Ward No. 02 of Yelahanka Sub Division

PRE MEASUREMENT SHEET

SECOND AND FINAL BILL

Chainage in m		Description of Item	Unit	No	Length	Breadth	Depth	Quantity	Remarks
From	To				(m)	(m)	(m)		
Item no 04		Providing T.M.T bars Fe 500 steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. and as per the directions of the Engineer-in-charge of the work .							
Measurements Taken On :		1-02-20 6-02-20							
		Quantity Measured in 1st RA Bill						8.99	
		Present Bill Measurements							
		for Drain	Tonne		From calculation sheet			6.78	
							Total Executed Quantity	15.78	
							Qty Carried to Summary	15.78	

CIVIL Pro Sig Date BANGALORE

6/2/2020

Contactor PMC Assistant Engineer Asst. Executive Engineer Yelahanka Sub Divison Assistant Executive Engineer Yelahanka, Bangalore

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK: Improvements to Roads and Drains at Yelahanka Old Town SC/ST area and AD colony and surrounding areas in Ward No. 02 of Yelahanka Sub Division

PRE MEASUREMENT SHEET

SECOND AND FINAL BILL

STEEL CALCULATION

Sl NO	Description	Nos	BAR DIA mm	No. Bars	Total No. bars	Length m	Total Length m	Weight kg/m	Total weight Kg's
Item no.04	Providing T.M.T bars Fe 500 steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. and as per the directions of the Engineer-in-charge of the work .								
Measurements Taken On :									
	Kondappa Layout								
	29th Cross Road								
	LHS								
	Main Bars (#12@100 c/c)	1	12	912	912	2.15	1960.80	0.887814	1740.83
	Distribution(11-#8)	1	8	11	11	90.20	992.20	0.394584	391.51
	Venugopala Swami Temple Road								
	Main Bars (#12@100 c/c)	1	12	820	820	2.15	1763.00	0.887814	1565.22
	Distribution(11-#8)	1	8	11	11	81	891.00	0.394584	351.57
	Venugopala Swami Temple Road								
	Main Bars (#12@120 c/c)	1	12	219	219	2.15	470.85	0.887814	418.03
	Distribution(11-#8)	1	8	11	11	25.00	275.00	0.394584	108.51
	9th Cross Kondappa Layout								
	Main Bars (#12@120 c/c)	1	12	927	927	2.10	1946.70	0.887814	1728.31
	Distribution(11-#8)	1	8	11	11	110.00	1210.00	0.394584	477.45
							TOTAL QTY IN KG'S		6781.41
							TOTAL QTY IN TONNE		6.78

CIVIL Pro SG D/S BANGALORE

Contractor PMC

6/12/2020

Assistant Engineer

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP) Wk. Zo)
Assistant Executive Engineer
Yelahanka, Bangalore

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK: Improvements to Roads and Drains at Yelahanka Old Town SC/ST area and AD colony and surrounding areas in Ward No. 02 of Yelahanka Sub Division

PRE MEASUREMENT SHEET

SECOND AND FINAL BILL

Chainage in m		Description of Item	Unit	No	Length	Breadth	Depth	Quantity	Remarks
From	To				(m)	(m)	(m)		
Item no 12		Providing and laying in position plain cement concrete of mix 1:3:6 with OPC cement @ 220kgs, with 40mm and down size graded granite metal coarse aggregates @0.892Cum and fine aggregates @ 0.465Cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation including cost of all materials, labour, HOM of machinery, curing complete as per specifications							
Measurements Taken On :		26-09-20							
		Present Bill Measurements							
		Samudayabhavana							
		For column Footing	Cum	2	1.05	1.35	0.15	0.43	
				6	1.20	1.20	0.15	1.30	
		Below SSM							
		Westernside Wall	Cum	1	3.64	0.9	0.15	0.49	
		Easternside Short Wall	Cum	1	0.27	0.9	0.15	0.04	
		Easternside Short Wall	Cum	1	0.29	0.9	0.15	0.04	
		Easternsidewall fornt wall	Cum	1	2.64	0.9	0.15	0.36	
		Northenside and Southernside Long Wall	Cum	2	7.34	0.9	0.15	1.98	
		Northenside and Southernside front Side Short Wall	Cum	1	1.34	0.9	0.15	0.18	
		Northenside and Southernside front Side Short Wall	Cum	1	1.34	0.9	0.15	0.18	
		For Flooring	Cum	1	4.38	9.36	0.20	8.20	
			Cum	1	3.23	1.78	0.20	1.15	
		Flooring Deduction	Cum	-1	3.40	3.38	0.15	-1.72	
							Total Executed Quantity	**12.61**	
							Qty Carried to Summary	**12.61**	

Verified 26/9 cond

CIVIL Pro SQ Date BANGALORE

Contactor PMC Assistant Engineer

Asst. Executive Engineer
Yelahanka Sub. Divison
Assistant Executive Engineer
Yelahanka, Bangalore

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK: Improvements to Roads and Drains at Yelahanka Old Town SC/ST area and AD colony and surrounding areas in Ward No. 02 of Yelahanka Sub Division

PRE MEASUREMENT SHEET

SECOND AND FINAL BILL

Chainage in m		Description of Item	Unit	No	Length	Breadth	Depth	Quantity	Remarks
From	To				(m)	(m)	(m)		
Item no 14		Providing and laying in position reinforced cement concrete of Design mix M20 with OPC cement @ 320kgs, with 20mm and down size graded granite metal coarse aggregates @0.69cum and fine aggregtes @ 0.460 cum, with super plasticisers @ 3 liters confirming to is 9103-1999 reafirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in foundation for footings, pedastals, retaining walls, return walls, walls (any thickness) including attached pilasters, columnspillars, posts, struts, buttresses, bed blocks, anchor blocks & plinths etc., including cost of all materials, labour, HOM of machinery, curing, complete but excluding cost of reinforcement as per specifications.							
Measurements Taken On :		10-10-20, 12-10-20, 21-10-20, 2-11-20, 17-11-20, 26-11-20							
		Present Bill Measurements							
		Samudayabhavana							
		Column Pedstral							
		C1	Cum	2	0.60	0.60	0.75	0.54	
		C2	Cum	6	0.60	0.60	0.75	1.62	
		Column upto Plinth							
		C1	Cum	2	0.30	0.23	0.30	0.04	
		C2	Cum	6	0.40	0.23	0.30	0.17	
		Plinth Beam							
		Along short length	Cum	1	4.84	0.23	0.45	0.50	
		Along long length	Cum	2	9.13	0.23	0.45	1.89	
		Front along short	Cum	2	1.78	0.23	0.45	0.37	
		Front along short	Cum	2	0.81	0.23	0.45	0.17	
		Front along long	Cum	1	3.23	0.23	0.45	0.33	
		Column upto roof							
		C1	Cum	2	0.30	0.23	3.03	0.42	
		C2	Cum	6	0.40	0.23	3.03	1.67	

CIVIL Pro Sig Date BANGALORE

Contactor PMC Assistant Engineer Asst. Executive Engineer Yelahanka Sub. Division Assistant Executive Engineer (BBMP Unit. 2h) Yelahanka, Bangalore

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK: Improvements to Roads and Drains at Yelahanka Old Town SC/ST area and AD colony and surrounding areas in Ward No. 02 of Yelahanka Sub Division

PRE MEASUREMENT SHEET

SECOND AND FINAL BILL

Chainage in m		Description of Item	Unit	No	Length	Breadth	Depth	Quantity	Remarks
From	To				(m)	(m)	(m)		
Item no 15		Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications and as per directions of the Engineer-in-charge.							
Measurements Taken On :		30-09-20, 5-10-20, 19-10-20, 16-10-20, 29-10-20, 11-11-20, 21-11-20							
		Present Bill Measurements							
		Samudayabhavana							
		Footing	tonne	From Steel Calculation Sheet				0.72	
		Column Pedastal	tonne	From Steel Calculation Sheet				0.17	
		Column	tonne	From Steel Calculation Sheet				0.46	
		Plinth Beam	tonne	From Steel Calculation Sheet				0.37	
		lintel	tonne	From Steel Calculation Sheet				0.16	
		Cill	tonne	From Steel Calculation Sheet				0.03	
		Roof Beam	tonne	From Steel Calculation Sheet				0.99	
		Roof Slab	tonne	From Steel Calculation Sheet				1.42	
		Total Executed Quantity						4.33	
		Qty Carried to Summary						4.33	

Contactor PMC Assistant Engineer Asst. Executive Engineer Yelahanka Sub Division Assistant Executive Engineer (BBMP Ynk. Zn) Yelahanka, Bangalore

Project name	Improvements to Roads and Drains at Yelahanka Old Town SC/ST area and AD colony and surrounding areas in Ward No. 02 of Yelahanka Sub Division
Client	M/s.Technical Manager(West), KRIDL, Bangaluru, 5th Block 17th Main Shivakumar Swamy Building, Bhashyam Circle Bangalore-560010.
Description	Steel calculation sheet

PREMEASUREMENT SHEET - SECOND AND FINAL BILL

		Description	Nos	BAR DIA	No. Bars	Total No. bars	L	Crank length (42d)	Actual Length	Total Length	Weight	Total weight
Chainage				mm			m	m	m	m	kg/m	Kg's
From	To											
Item no 15		Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications and as per directions of the Engineer-in-charge.										
Measurements taken on												
		Isolated Footings										
		C1										
		Bars Along Long Direction	2	20	9	18	1.20	0.0	1.20	21.60	2.47	53.27
		Bars Along Short Direction	2	20	9	18	0.90	0.0	0.90	16.20	2.47	39.95
		C2										
		Bars Along Long Direction	6	25	13	78	1.05	0.0	1.05	81.90	3.85	315.59
		Bars Along Short Direction	6	25	13	78	1.05	0.0	1.05	81.90	3.85	315.59
											Sub Total	**724.40**
		COLUMN Pedastal										
		C1	2	16	10	20	0.75	0.00	0.75	15.00	1.58	23.68
		Rectangle Rings @ 200 c/c	2	8	5	10	2.40	0.00	2.40	24.00	0.39	9.47
		C2	6	20	10	60	0.75	0.00	0.75	45.00	2.47	110.98
		Rectangle Rings @ 200 c/c	6	8	5	30	2.40	0.00	2.40	72.00	0.39	28.41
											Sub Total	**172.53**
		COLUMNS upto Roof										
		C1	2	12	6	12	5.43	0.00	5.43	65.16	0.89	57.85
		Rectangle Rings @ 200 c/c	2	8	29	58	1.20	0.00	1.20	69.60	0.39	27.16
		C2	6	16	4	24	5.43	0.00	5.43	130.32	1.58	205.69
			6	10	4	24	5.43	0.00	5.43	130.32	0.62	80.35
		Rectangle Rings @ 200 c/c	6	8	29	174	1.26	0.00	1.26	219.24	0.39	86.51
											Sub Total	**457.86**

CIVIL Pro BANGALORE

CONTRACTOR PMC

20/11/2020 AE-02

ASSISTANT ENGINEER

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)

ASSISTANT EXECUTIVE ENGINEER
Yelahanka, Bangalore

Project name	Improvements to Roads and Drains at Yelahanka Old Town SC/ST area and AD colony and surrounding areas in Ward No. 02 of Yelahanka Sub Division
Client	M/s.Technical Manager(West), KRIDL, Bangaluru, 5th Block 17th Main Shivakumar Swamy Building, Bhashyam Circle Bangalore-560010.
Description	Steel calculation sheet

PREMEASUREMENT SHEET - SECOND AND FINAL BILL

Chainage From	Chainage To	Description	Nos	BAR DIA	No. Bars	Total No. bars	L	Crank length (42d)	Actual Length	Total Length	Weight	Total weight
				mm			m	m	m	m	kg/m	Kg's
		12# @100 c/c main bars alt	1	12	12	12	4.25	4.25	8.50	105.40	0.89	93.58
		12# @100 c/c main bars alt	1	12	12	12	4.25	2.02	6.27	77.70	0.89	68.98
		12# @100 c/c main bars alt	1	12	21	21	2.48	0.00	2.48	52.70	0.89	46.79
		12# @100 c/c main bars alt	1	12	21	21	2.48	2.02	4.50	95.54	0.89	84.82
										Sub Total		1423.41
										Total Steel Quantity in Kg		4329.43
										Total Steel Quantity in tonne		4.33

CONTRACTOR

PMC

ASSISTANT ENGINEER

20/11/2020 AE-02

Asst. Executive Engineer
Yelahanka Sub. Divison
ASSISTANT EXECUTIVE ENGINEER
Yelahanka, Bangalore

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK: Improvements to Roads and Drains at Yelahanka Old Town SC/ST area and AD colony and surrounding areas in Ward No. 02 of Yelahanka Sub Division

PRE MEASUREMENT SHEET

SECOND AND FINAL BILL

Chainage in m		Description of Item	Unit	No	Length	Breadth	Depth	Quantity	Remarks
From	To				(m)	(m)	(m)		
Item no 17		Providing and removing centering, shuttering, strutting, propping etc., for columns, pillars, post and struts, square / rectangular/ polygon in plan including cost of all materials, labour complete as per specifications							
Measurements Taken On :		20/11/2020							
		Present Bill Measurements							
		Samudayabhavana							
		Column Pedstral							
		C1	Sqm	2	2.4		0.75	3.60	
		C2	Sqm	6	2.4		0.75	10.80	
		Column upto Plinth							
		C1	Sqm	2	1.06		0.30	0.64	
		C2	Sqm	6	1.26		0.30	2.27	
		Column up to roof							
		C1	Sqm	2	1.06		3.03	6.42	
		C2	Sqm	6	1.26		3.03	22.91	
							Total Executed Quantity	46.63	
							Qty Carried to Summary	46.63	

CIVIL Pro SQ Date BANGALORE

Contactor

PMC

Assistant Engineer 20/11/2020 AE-02

Asst. Executive Engineer
Yelahanka Sub Divison
BBMP Executive Engineer
Yelahanka, Bangalore

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK: Improvements to Roads and Drains at Yelahanka Old Town SC/ST area and AD colony and surrounding areas in Ward No. 02 of Yelahanka Sub Division

PRE MEASUREMENT SHEET

SECOND AND FINAL BILL

Chainage in m From	Chainage in m To	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Remarks
Item no 21		Providing and constructing granite / trap / basalt size stone masonry in foundation with cement mortar 1:6, stone hammerd dressed in courses not less than 20 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications.							
Measurements Taken On :		24/12/2020							
		Present Bill Measurements							
		Samudayabhavana							
		For Foundation							
		Step 1							
		Westernside Wall	Cum	1	4.24	0.9	0.75	2.86	
		Easternside Short Wall	Cum	1	0.87	0.9	0.75	0.58	
		Easternside Short Wall	Cum	1	0.59	0.9	0.75	0.39	
		Easternsidewall fornt wall	Cum	1	3.24	0.9	0.75	2.19	
		Northenside and Southernside Long Wall	Cum	2	7.94	0.9	0.75	10.71	
		Northenside and Southernside front Side Short Wall	Cum	1	1.64	0.9	0.75	1.10	
		Northenside and Southernside front Side Short Wall	Cum	1	1.64	0.9	0.75	1.10	
		Verified fully correct 24/12/2020							
		Step 2							
		Westernside Wall	Cum	1	4.24	0.75	0.50	1.59	
		Easternside Short Wall	Cum	1	0.865	0.75	0.50	0.32	
		Easternside Short Wall	Cum	1	0.585	0.75	0.50	0.22	
		Easternsidewall fornt wall	Cum	1	3.24	0.75	0.50	1.22	
		Northenside and Southernside Long Wall	Cum	2	7.935	0.75	0.50	5.95	
		Northenside and Southernside front Side Short Wall	Cum	1	1.635	0.75	0.50	0.61	

Contactor

PMC

Assistant Engineer

24/12/2020

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP)

Assistant Executive Engineer
Yelahanka, Bangalore

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK: Improvements to Roads and Drains at Yelahanka Old Town SC/ST area and AD colony and surrounding areas in Ward No. 02 of Yelahanka Sub Division

PRE MEASUREMENT SHEET

SECOND AND FINAL BILL

Chainage in m		Description of Item	Unit	No	Length	Breadth	Depth	Quantity	Remarks
From	To				(m)	(m)	(m)		
Item No 36		Supplying heavy gauge PVC conduit pipe..... dia confirming to IS 2509 with suitable size junction boxes, adhesive paste etc., and fixing using inverted wood plugs in case of RCC ce RCC wall stone structure or rawl plugs in case of brick walls and cement plastering damage using heavy gauge saddles at an interval of 700mm using NF screws.							
Measurements Taken On :		8-1-2021							
		Present Bill Measurements							
		a)20mm dia 2mm thick	m	25				25.00	
		Concealed conduit							
		System							
							Total Executed Quantity	**25.00**	
							Qty Carried to Summary	**25.00**	

8/1/2021

CIVIL Pro Sq Date BANGALORE

8/1/2021

Contactor

PMC

Assistant Engineer AE-02

Asst. Executive Engineer
Yelahanka Sub Division
Assistant Executive Engineer
(BBMP Civil)
Yelahanka, Bangalore

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK: Improvements to Roads and Drains at Yelahanka Old Town SC/ST area and AD colony and surrounding areas in Ward No. 02 of Yelahanka Sub Division

PRE MEASUREMENT SHEET

SECOND AND FINAL BILL

Chainage in m		Description of Item	Unit	No	Length	Breadth	Depth	Quantity	Remarks
From	To				(m)	(m)	(m)		
Item No 38		Groove cutting in the wall supplying.....dia 2mm/2.5mm thick heavy gauge PVC Conduit Pipe with bends, metal junction boxes adhesive paste etc., and bracing U or J hooks and cement plastering up to the surface of the brick level and run with 18 SWG GI fish wire run through out conduit wherever necessary.							
Measurements Taken On :		8/01/2021							
		Present Bill Measurements							
		b)25mm dia 2mm thick	m	25				25.00	
							Total Executed Quantity	25.00	
							Qty Carried to Summary	25.00	

Verified by CDPC 8/1

CIVIL Pro Sq Date BANGALORE

Contractor

PMC

Assistant Engineer 08/01/2021

Asst. Executive Engineer
Yelahanka Sub Division
(Assistant Executive Engineer)
Yelahanka, Bangalore

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK: Improvements to Roads and Drains at Yelahanka Old Town SC/ST area and AD colony and surrounding areas in Ward No. 02 of Yelahanka Sub Division

PRE MEASUREMENT SHEET

SECOND AND FINAL BILL

Chainage in m		Description of Item	Unit	No	Length	Breadth	Depth	Quantity	Remarks
From	To				(m)	(m)	(m)		
		d)180x90x65mm							
Measurements Taken On :									
		Present Bill Measurements							
			each	5				5.00	
							Total Executed Quantity	5.00	
							Qty Carried to Summary	5.00	

20/1

CIVIL Pro BANGALORE

20/1/2024

Contactor PMC Assistant Engineer

Asst. Executive Engineer
Yelahanka Sub. Divison
Assistant Executive Engineer
Yelahanka, Bangalore

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK: Improvements to Roads and Drains at Yelahanka Old Town SC/ST area and D colony and surrounding areas in Ward No. 02 of Yelahanka Sub Division

PRE MEASUREMENT SHEET

SECOND AND FINAL BILL

Chainage in m		Description of Item	Unit	No	Length	Breadth	Depth	Quantity	Remarks
From	To				(m)	(m)	(m)		
Item No 42		Supplying and wiring adopting loop system in existing PVC Conduit / casing capping using copper PVC insulated multi strand 2x1.5Sqmm copper wire with a 6Amps flush type SP control switch shall be fixed on the existing plastic sheet/gang box, the other end of the wires shall be terminated with sufficient loose length in a wood/PVC round block. compelete for each outlet.							
		a) Short point up to 3Mtr from tapping point to out let via switch Each point							
Measurements Taken On :									
		Present Bill Measurements							
			each	5				5.00	
							Total Executed Quantity	**5.00**	
							Qty Carried to Summary	**5.00**	

Verified
20/11

CIVIL Pro SQ Date BANGALORE

20/11/2011

Contactor PMC Assistant Engineer

Asst. Executive Engineer
Yelahanka Sub. Division
(BBMP) Yelk. Zo)
Assistant Executive Engineer
Yelahanka, Bangalore

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK: Improvements to Roads and Drains at Yelahanka Old Town SC/ST area and AD colony and surrounding areas in Ward No. 02 of Yelahanka Sub Division

PRE MEASUREMENT SHEET

SECOND AND FINAL BILL

Chainage in m		Description of Item	Unit	No	Length	Breadth	Depth	Quantity	Remarks
From	To				(m)	(m)	(m)		
Item No 43		Supplying and wiring adopting loop system in existing PVC Conduit / casing capping using copper PVC insulated multi strand 2x1.5Sqmm copper wire without switch, the other end of the wires shall be terminated with sufficient loose length in a wood/PVC round block. complete for each outlet.							
		a) Short point up to 3Mtr from tapping point to out let via switch box							
Measurements Taken On :									
		Present Bill Measurements							
			each	5				5.00	
							Total Executed Quantity	5.00	
							Qty Carried to Summary	5.00	

Verified
25/1

CIVIL Pro Sig Date BANGALORE

Contactor PMC Assistant Engineer 25/01/2021 Asst. Executive Engineer Yelahanka Sub. Divison (Assistant Executive Engineer Yelahanka, Bangalore

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK: Improvements to Roads and Drains at Yelahanka Old Town SC/ST area and AD colony and surrounding areas in Ward No. 02 of Yelahanka Sub Division

PRE MEASUREMENT SHEET

SECOND AND FINAL BILL

Chainage in m		Description of Item	Unit	No	Length	Breadth	Depth	Quantity	Remarks
From	To				(m)	(m)	(m)		
Item No 47		Wiring for lighting/power circuit using one of PVC insulated 1100v grade, multistrand Copper conductor single core cable in open or concealed system of wiring.							
		I. Group A.							
		a. 1 sqmm.							
Measurements Taken On :									
		Present Bill Measurements							
			m	25				25.00	
							Total Executed Quantity	25.00	
							Qty Carried to Summary	25.00	

Verified 5/1

CIVIL Pro Sig Date BANGALORE

Contactor

PMC

25/01/2021 AE-02

Assistant Engineer

Asst. Executive Engineer
Yelahanka Sub. Divison
BBMP, YPK-700

Assistant Executive Engineer
Yelahanka, Bangalore

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK: Improvements to Roads and Drains at Yelahanka Old Town SC/ST area and AD colony and surrounding areas in Ward No. 02 of Yelahanka Sub Division

PRE MEASUREMENT SHEET

SECOND AND FINAL BILL

Chainage in m		Description of Item	Unit	No	Length	Breadth	Depth	Quantity	Remarks
From	To				(m)	(m)	(m)		
		C. 6 sqmm							
Measurements Taken On :									
		Present Bill Measurements							
			m	25				25.00	
							Total Executed Quantity	25.00	
							Qty Carried to Summary	25.00	

Verified
15/01/21

CIVIL Pro
Sig
Date
BANGALORE

Contactor

PMC

15/01/2021
Assistant Engineer

Asst. Executive Engineer
Yelahanka Sub. Divison
(Assistant Executive Engineer)
Yelahanka, Bangalore

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK: Improvements to Roads and Drains at Yelahanka Old Town SC/ST area and AD colony and surrounding areas in Ward No. 02 of Yelahanka Sub Division

PRE MEASUREMENT SHEET

SECOND AND FINAL BILL

Chainage in m		Description of Item	Unit	No	Length	Breadth	Depth	Quantity	Remarks
From	To				(m)	(m)	(m)		
Item No 49		Supplying PVC/GI flexible conduit pipe....mm dia fixing on surface over inverted wooden plugs or phill plugs or rawl plugs and clamped using heavy gauge saddles at an interval of 300mm using NF screws and either end of the pipe terminated completely.							
Measurements Taken On :									
		Present Bill Measurements							
		a) 20mm							
			Nos	15				15.00	
							Total Executed Quantity	15.00	
							Qty Carried to Summary	15.00	

25/01

CIVIL Pro Sig Date BANGALORE

Contactor

PMC

25/01/2021

Assistant Engineer

Asst. Executive Engineer
Yelahanka Sub Division

Assistant Executive Engineer
(Sub.) (W.Z. 2H)
Yelahanka, Bangalore

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK: Improvements to Roads and Drains at Yelahanka Old Town SC/ST area and D colony and surrounding areas in Ward No. 02 of Yelahanka Sub Division

PRE MEASUREMENT SHEET

SECOND AND FINAL BILL

Chainage in m		Description of Item	Unit	No	Length	Breadth	Depth	Quantity	Remarks
From	To				(m)	(m)	(m)		
Item No 50		Extra for supplying 4mm thick white plastic plate and covering for junction boxes of size 110mm conduit using necessary machine screws.							
Measurements Taken On :									
		Present Bill Measurements							
		b) 110mm	Nos	15				15.00	
							Total Executed Quantity	15.00	
							Qty Carried to Summary	15.00	

CIVIL Pro Sig Date BANGALORE

25/01/2021

Contactor

PMC

Assistant Engineer

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Yelk. Zone)

Assistant Executive Engineer
Yelahanka, Bangalore